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PATENT AND TRADEMARK OFFICE

346715-0632

10/589,206

APPLICANT

BABICH et al.

FILING DATE

2/14/2005

GROUP ART UNIT

To Be Assigned

INFORMATION DISCLOSURE CITATION

FEB 07 2007

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	20030235843	12/25/2003	Babich et al.	435	6	3/11/2003
	A2	20020061599	5/23/2002	Elling et al.	436	518	12/29/2000

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	C1	Abufarag et al.; "Zinc Complexes of the Ligand Dipicolylglycine", Inorganic Chemistry 34(8): 2207-2216, (1995)
	C2	Alberto et al.; "Application of Technetium and Rhenium Carbonyl Chemistry to Nuclear Medicine. Preparation of [Net 4] 2 [TcC ₁₃ (CO) ₃] From [NBU ₄][TcO ₄] and Structure of [NEt 4][Tc ₂ (μ-Cl) ₃ (CO) ₆]; Structures of the Model Complexes [Net ₄][Re ₂ (μ-OEt) ₂ (μ-OAc)(CO) ₆] and [ReBr((-CH ₂ S(CH ₂) ₂ Cl) ₂) (CO) ₃]", Transition Met. Chem. 22: 597-601, (1997)
	C3	Alberto et al.; "A Novel Organometallic Aqua Complex of Technetium for the Labeling of Biomolecules: Synthesis of [^{99m} Tc (OH) ₂] ₃ (CO) ₃ from [^{99m} TcO ₄] ⁻ Aqueous Solution and Its Reaction with a Bifunctional Ligand", J. Am. Chem. Soc. 120: 7987-7988, (1998)
	C4	Banerjee et al.; "{Re ^{III} Cl ₃ } Core Complexes with Bifunctional Single Amino Acid Chelates", Inorganic Chemistry 41(22): 5795-5802, (2002)
	C5	Banerjee et al.; "Bifunctional Single Amino Acid and Chelates for Labeling of Biomolecules with the {Tc(CO) ₃ } ⁺ and {Re(CO) ₃ } ⁺ Cores", Inorganic Chemistry 41(24): 6417-6425, (2002)
	C6	Cox et al.; "Catecholate LMCT Bands as Probes for the Active Sites of Nonheme Iron Oxygenases", J. Am. Chem. Soc. 110: 2026-2032, (1988)
	C7	Davidson et al.; "A New class of Oxotechnetium (5+) Chelate Complexes containing a TcON ₂ S ₂ Core", Inorganic Chemistry 20(6): 1629-1632, (June 1981)
	C8	Hom and Katzenellenbogen. "Technetium-99m-Labeled Receptor-Specific Small Molecule Radiopharmaceuticals: Recent Developments and Encouraging Results", Nuclear Medicine & Biology 24: 485-498, (1997)
	C9	Kung et al.; "Synthesis and Biodistribution of Neutral Lipid-soluble Tc- ^{99m} Complexes that Cross the Blood-Brain Barrier", The Journal of Nuclear Medicine 25: 326-332, (1984)
	C10	Kung et al.; "Synthesis of New Bis(aminoethanethiol) (BAT) Derivatives: Possible Ligands for ^{99m} Tc Brain Imaging Agents", J. Med. Chem. 28: 1280-1284, (1985)

* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

/D. L. Jones/

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.J./

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C11

Kung et al.; "New Tc-99 Complexes Based on N₂S₂ Ligands", The Journal of Nuclear Medicine 28(6): 1051 (Abstract No. 719), (June 1986)

C12

La Bella et al.; "In Vitro and in Vivo Evaluation of ^{99m}Tc(I)-labeled bombesin analogue for imaging of gastrin releasing peptide receptor-positive tumors", Nuclear Medicine and Biology 29(5): 553-560, (2002)

C13

Maresca et al.; "Synthesis and Characterization of a Binuclear Rhenium Nitropyrazole Complex [Re₂O₃Cl₂(PPh₃)₂(C₃H₂V₃O₂)₂]", Inorganica Chimica Acta 260: 83-88, (1997)

C14

Maresca et al.; "Cationic Complexes of the '3 + 1' Oxorhenium-Thiolate Family", Inorganica Chimica Acta 297: 98-105, (2000)

C15

Nelson et al.; "Strong-Field Nonconjugated Polyamine Ligand: Low-Spin Iron(II) and High-Spin Nickel(II) Complexes", J. Chem. Soc. (A), pp. 272-276, (1968)

C16

Nicholson et al.; "The Synthesis and Characterization of [MCl₃ (N=NC₅H₄NH) (HN=NC₅H₄N)] from [Mo₄]⁺ (Where M= Re, Tc) Organodiazenido, Organodiazene-Chelate Complexes. The X-Ray Structure of [ReCl (N=NC₅H₄NH) (HN=NC₅H₄N)]", Inorganica Chimica Acta 252: 421-426, (1996)

C17

Okuno et al.; "Oxidation of cyclohexane with hydrogen peroxide catalysed by copper(II) complexes containing N,N-bis(2-pyridylmethyl)-β-alanineamide ligands", Polyhedron 16(21): 3765-3774, (1997)

C18

Reedijk, J.; "Medicinal Applications of Heavy-Metal Compounds", Current Opinion Chemical Biology 3: 236-240, (1999)

C19

Rose et al.; "Synthesis and Characterization of Organohydrazino Complexes of Technetium, Rhenium, and Molybdenum with the {M(η¹-HxNNR) (η²-Hy NNR)} Core and their Relationship to Radiolabeled Organohydrazine-Derivatized Chemotactic Peptides with Diagnostic", Inorg. Chem. 37: 2701-2716, (1998)

C20

Salmain et al.; "Labeling of Proteins by Organometallic Complexes of Rhenium (I). Synthesis and Biological Activity of the Conjugates", Bioconjugate Chem. 4: 425-433, (1993)

C21

Schibli et al.; "Influence of the Denticity of Ligand Systems on the in Vitro and in Vivo Behavior of ^{99m}Tc(I)-Tricarbonyl Complexes: A Hint for the Future Functionalization of Biomolecules", Bioconjugate Chemistry 11(3): 345-351, (2002)

C22

Van Staveren et al.; "Spectroscopic Properties, Electrochemistry, and Reactivity of Mo⁰, Mo^I, and Mo^{II} Complexes with the [Mo (bpa) (CO)₃] Unit [bpa = bis (2-picolyl)amine] and their Application for the Labelling of Peptides", Europ. J. Inorg. Chem., pp. 1518-1529, (2002)

C23

International Search Report for PCT/US05/04407 mailed June 29, 2005

C24

International Search Report for PCT/US05/04448 mailed July 6, 2005

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